What is claimed is:

1. A device for mounting a thermal print head, comprising:
   a frame including a reference member; and
   a multiplicity of adjustable datum points oriented orthogonally around a mounting location for a thermal print head, wherein said datum points are adapted for adjustment to precisely position a thermal print head in said mounting location with respect to said reference member.

2. The device of Claim 1, further comprising one or more bias mechanisms adapted for biasing a thermal print head in said mounting location against said multiplicity of adjustable datum points.

3. The device of Claim 2, further comprising a securable device for fixing the location of a print head in said mounting location while it is biased against said multiplicity of adjustable datum points.

4. The device of Claim 1, wherein said multiplicity of adjustable datum points are lockable screws.

5. The device of Claim 1, further comprising a calibration tool having a first portion shaped like a thermal print head for placement in said mounting location and a rigid positioning member extending from said first portion, wherein said positioning

member is adapted to abut said reference member of said frame for precisely positioning said first portion in said mounting location while said datum points are adjusted to determine the position of thermal print heads to be later installed in said mounting location.

6. The device of Claim 4, further comprising means for removably attaching said calibration tool to said frame while adjusting said datum points.

7. The device of Claim 6, wherein said reference member comprises a substantially flat surface and a cylindrical element mounted parallel to said substantially flat surface.

8. A method for aligning one or more thermal print heads to a print head assembly, comprising the steps of:

providing a frame comprising

a reference member, and

a multiplicity of adjustable datum points oriented orthogonally around a mounting location for a thermal print head;

providing a calibration tool having a first portion shaped like a thermal print head for placement in said mounting location and a rigid positioning member extending from said first portion;

locating said calibration tool with said first portion in said mounting location and said positioning member abutting said reference

member of said frame for precisely position said first portion in said mounting location; and

adjusting said datum points to determine a precise position for thermal print heads to be later installed in said mounting location.

9. The method of Claim 8, further comprising the step of attaching said calibration tool to said frame during said step of adjusting.

10. The method of Claim 9, further comprising the steps of removing said calibration tool from said frame after said step of adjusting and installing a thermal print head in said mounting location against adjusted datum points.

11. The method of Claim 10, further comprising mechanically biasing a printer head installed in said mounting location against said datum points.

12. The method of Claim 11, further comprising securing said printer head in said mounting location against said datum points.